

Time : 2:30 Hours]

NOTES:

- i) Attempt **all** questions.
- ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Attempt any two of the following :

[2×5=10]

- a) Write the name of any two output devices.
- b) Draw the block diagram of CPU and explain its different components.
- c) What do you understand by memory. Explain different types of memory.

Q2) Attempt any two of the following :

[2×5=10]

- a) What are the differences between data and information.
- b) Convert following into decimal
(09)₁₀, (09)₁₆, (110110)₂
- c) Explain EBCDIC in brief.

Q3) Attempt any two of the following :

[2×5=10]

- a) Differentiate between compiler, Interpreter and Assembler.
- b) Discuss advantages and disadvantages of different computer network topologies.
- c) Explain different types of DOS commands. Write DOS command to hide a given directory.

Q4) Attempt any two of the following :

[2×5=10]

- a) Draw the basic structure of LINUX operating system.
- b) What do you understand by file sytem. How the file system of LINUX is different from that of WINDOWS operating system.
- c) Write the step-by-step procedure of LINUX instalation.

Q5) Attempt any two of the following :

[2×5=10]

- a) Explain the client-server model in a computer network.
- b) Explain terms LAN, MAN and WAN in detail.
- c) Explain the terms

URL, URN, FTP, RDC, IP Address.